

# **RULES AND REGULATIONS (ROBOTICS - JUNIORS)**

## **Eligibility Criteria:**

- Participant Eligibility: Only school students from classes 6<sup>th</sup> to 10<sup>th</sup> are eligible to participate.

## **Team Composition and Roles:**

- Each team must consist of 2 or 4 members (Odd-numbered team participation is not allowed).
- In teams of 4 members, they are divided into 2 sub-teams, each comprising 1 driver and 1 navigator.
- For 4-member teams, 2 members will take turns as drivers, while the other 2 will act as navigators. In 2-members team, they will alternate between driving and navigating.

## **Registration and Replacement Policies:**

- Registered participants cannot be replaced until the finals.
- Only one robot model can be used throughout the competition.
- Participants will receive a confirmation email upon registration for prelims and zonal levels.

## **Robot Handling and Specifications:**

- Robots must undergo inspection by the coordinator before each competition level. (30 x 25 cm L x B) Robots exceeding the size limit will lead to disqualification. weight more than 5 kilograms will lead to disqualification.
- Robot can be either wired (maximum 3-meter wire) or wireless, based on team preference.
- Participants are responsible for any damage to their robots.

## **Driving and Movement:**

- Test runs are not permitted in or around the competition arena.
- Any changes to the rules will be communicated before the competition commences.
- Drivers must remain within their designated area and are not allowed to move. Only navigators can move around the arena to guide the driver.
- Participants must not disturb the arena during the competition. Any disturbance will result in immediate disqualification.

### Judging and Selection:

- Judges' decisions are final at every level. Teams that violate rules or cause disruptions will be disqualified.
- Teams will be evaluated based on their ability to skillfully control the robot and complete tasks efficiently within the given time.

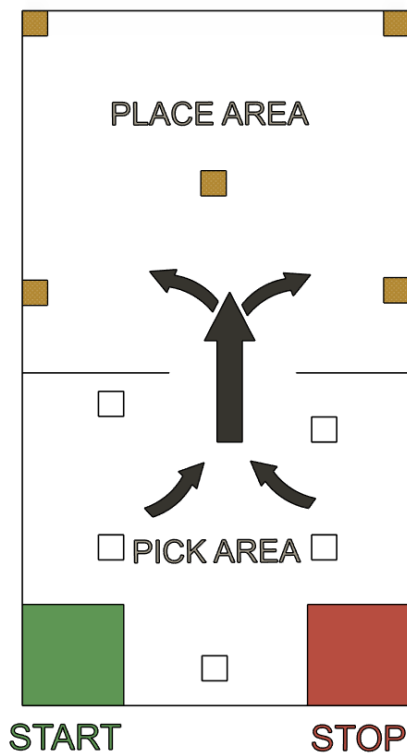
### Robot Specifically:

- Dimension of robot L x B = 30 cm x 25 cm. Weight less than or equal to 5 kilograms.
- Models allowed: any model are allowed, other than ready make robot.

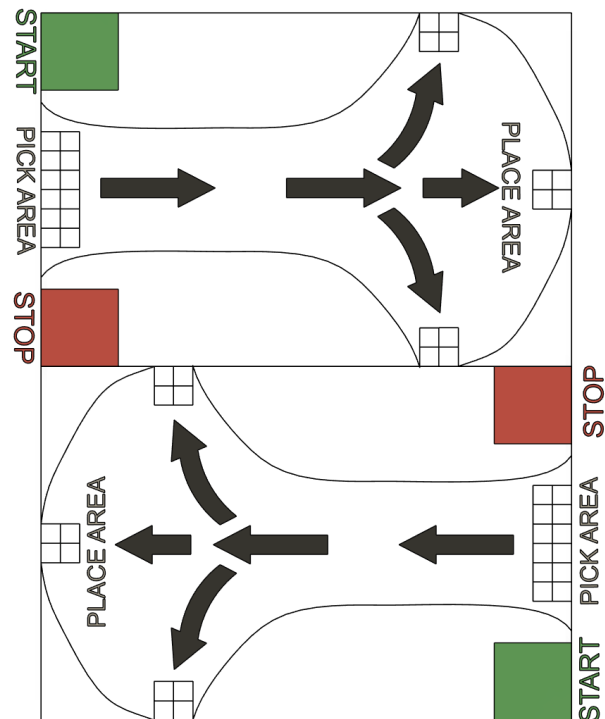
### Arena specification:

- For Zonal Level: 4 x 8 feet with obstacles
- For Final Level: 10 x 8 feet the arena is split into two for two teams to participate at once. It also includes obstacles.

**Zonal level**



**Final level**



**NOTE:** Please note that the arenas shown in the images are for conceptual purposes only; a few modifications might occur in the real-time arena.